

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | | |
|-----------------------|----------|------------------|--------------|-------|-------------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET | SHEET NO. 7 |
| F.A.P. 595 | I-3-K | Rock Island | 476 | 280 | 7 SHEETS |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | | |



PROJECT P-92-096-84 Date 12-21-86 Sh. 1 of 1 Sh.
ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.
SEC. 1-3 STA. 1155+00 52nd Ave. Checked By JZ/CB

| COUNTY <u>Rock Island</u> | | Elevation | N | Qu /s.f. | w (%) | Surface Water El. | Elevation | N | Qu /s.f. | w (%) |
|---|--------------|------------|-----------|------------------|-----------|-------------------|------------|---|----------|-------|
| Boring No. <u>B-69</u> | | | | | | <u>N/A</u> | | | | |
| Station <u>1155+00</u> | | | | | | <u>573.0</u> | | | | |
| Offset <u>59'R</u> | | | | | | | | | | |
| Ground Surface <u>578.0</u> | | <u>0</u> | | | | | | | | |
| SILTY CLAY LOAM: dark gray; medium stiff | | | | | | | | | | |
| <u>A-6</u> | <u>575.0</u> | | <u>7</u> | <u>0.8</u> P | <u>23</u> | | <u>-25</u> | | | |
| SILTY LOAM: gray/brown; medium stiff | | | | | | | | | | |
| <u>A-4</u> | <u>572.5</u> | <u>-5</u> | <u>7</u> | <u>1.5</u> B | <u>23</u> | | | | | |
| SANDY LOAM: trace gravel; soft, loose; wet | | | | | | | | | | |
| <u>A-4</u> | <u>570.0</u> | | <u>6</u> | <u>0.5</u> B | <u>23</u> | | <u>-30</u> | | | |
| SILTY LOAM: brown and gray mottled; medium stiff; wet | | | | | | | | | | |
| | | <u>-10</u> | <u>3</u> | <u>0.5</u> P | <u>30</u> | | | | | |
| grades stiff | | | | | | | | | | |
| <u>A-4</u> | <u>565.0</u> | | <u>5</u> | <u>1.4</u> B | <u>27</u> | | <u>-35</u> | | | |
| SANDY LOAM: brown and gray mottled; soft to medium stiff; wet | | | | | | | | | | |
| <u>A-4</u> | <u>563.1</u> | <u>-15</u> | <u>9</u> | <u>0.85</u> B | <u>30</u> | | | | | |
| CLAY SHALE: black; Thin Laminar; Fissile | | | | | | | | | | |
| | <u>560.5</u> | | <u>69</u> | <u>8.6</u> S | <u>13</u> | | <u>-40</u> | | | |
| Boring Terminated A 17.5' | | | | | | | <u>-45</u> | | | |

N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".
Qu-Unconfined Compressive Strength - /vsf
w - Water Content - percentage of oven dry weight-%
Type failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer

BD 137 (Rev. 4-78) 7-84

| | |
|----------|-----|
| DESIGNED | JDC |
| CHECKED | BDF |
| DRAWN | RAP |
| CHECKED | BDF |



PROJECT P-92-096-84 Date 12-21-86 Sh. 1 of 1 Sh.
ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.
SEC. 1-3 STA. 1155+00 52nd Ave. Checked By JZ/CB

| COUNTY <u>Rock Island</u> | | Elevation | N | Qu /s.f. | w (%) | Surface Water El. | Elevation | N | Qu /s.f. | w (%) |
|--|--------------|------------|-----------|-------------------|-----------|-------------------|------------|---|----------|-------|
| Boring No. <u>B-70</u> | | | | | | <u>N/A</u> | | | | |
| Station <u>1155+00</u> | | | | | | <u>572.0</u> | | | | |
| Offset <u>60'L</u> | | | | | | | | | | |
| Ground Surface <u>578.0</u> | | <u>0</u> | | | | | | | | |
| SILTY CLAY LOAM: dark gray; stiff | | | | | | | | | | |
| <u>A-6</u> | <u>575.0</u> | | <u>7</u> | <u>1.55</u> B | <u>23</u> | | <u>-25</u> | | | |
| SILTY LOAM: gray/brown; stiff to medium stiff | | | | | | | | | | |
| <u>A-4</u> | <u>572.5</u> | <u>-5</u> | <u>7</u> | <u>1.09</u> S | <u>23</u> | | | | | |
| SANDY LOAM: trace gravel; gray/brown; medium stiff | | | | | | | | | | |
| <u>A-4</u> | <u>570.0</u> | | <u>3</u> | <u>0.5</u> B-S | <u>18</u> | | <u>-30</u> | | | |
| SILTY LOAM: light gray and brown mottled; medium stiff | | | | | | | | | | |
| | <u>567.0</u> | <u>-10</u> | <u>5</u> | <u>0.78</u> B | <u>28</u> | | | | | |
| CLAY SHALE: black; Thin Laminar; Fissile | | | | | | | | | | |
| | <u>566.0</u> | | <u>55</u> | <u>15</u> | | | <u>-35</u> | | | |
| Boring Terminated @ 12.0' | | | | | | | <u>-40</u> | | | |
| | | | | | | | <u>-45</u> | | | |

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Qu-Unconfined Compressive Strength - /vsf
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S - Shear Failure
E - Estimated Value
P - Penetrometer

BD 137 (Rev. 4-78) 7-85

BORING LOGS
52ND AVENUE EXTENSION
OVER AN UNNAMED STREAM
FAU ROUTE 5822 SECTION 1-3
ROCK ISLAND COUNTY
STATION 1155+00
STRUCTURE NO. 081-2035